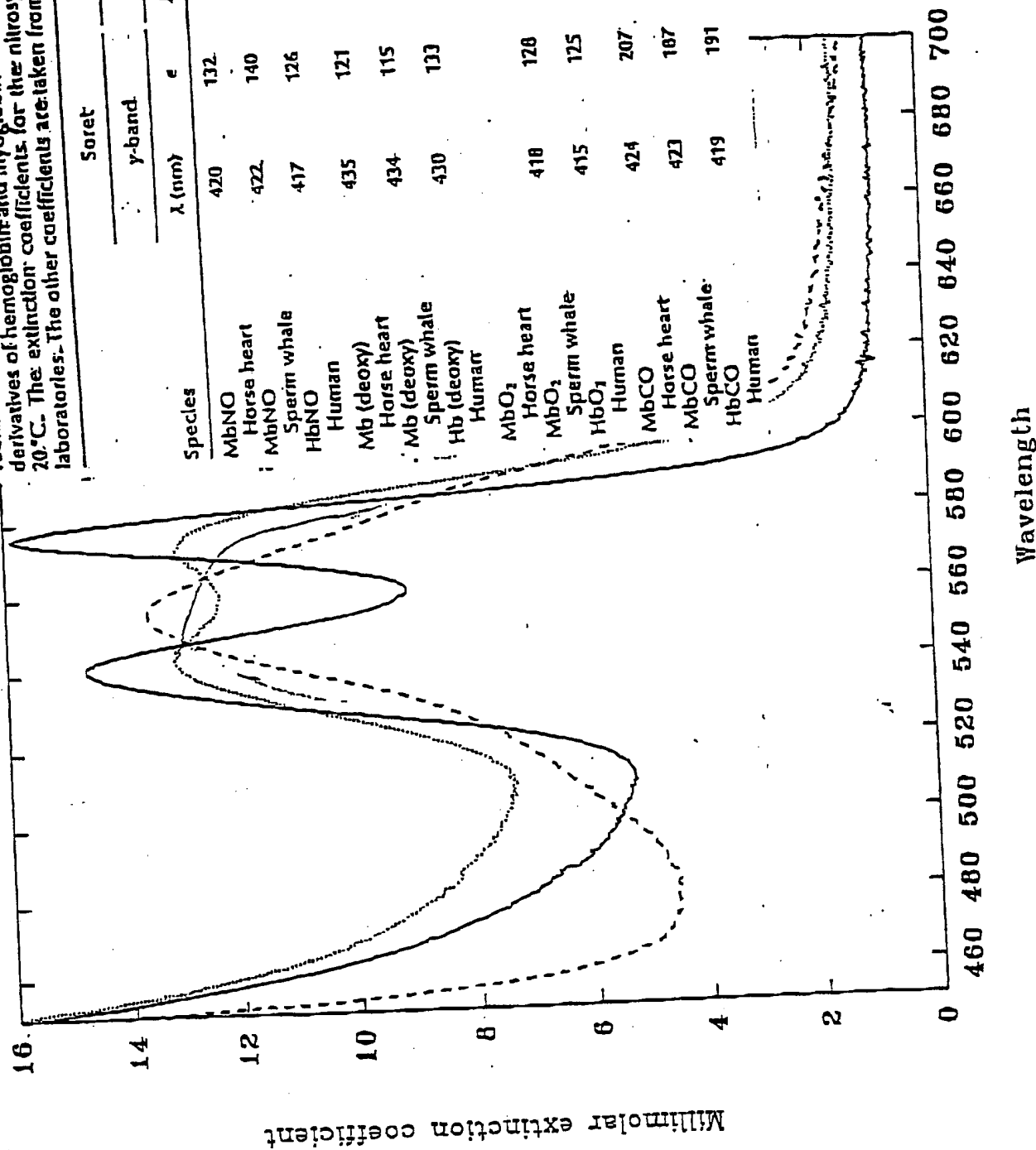


Millimolar extinction coefficients for HbA₀ oxy (—), deoxy (---), and NO (.....) in PBS buffer pH 7.4 at 20°C

Table 3. Millimolar extinction coefficients (per heme basis) of nitrosyls and other derivatives of hemoglobin and myoglobin in 0.1 M sodium phosphate buffer, pH 7.0 at 20°C. The extinction coefficients for the nitrosyl derivatives are from the authors' laboratories. The other coefficients are taken from Antonini and Brunori [21]

Species	Soret				Visible			
	γ-band		β-band		α-band			
	λ (nm)	ε	λ (nm)	ε	λ (nm)	ε	λ (nm)	ε
MbNO	420	132	547	11.8	579	10.5		
Horse heart MbNO	422	140						
Sperm whale MbNO	417	126	544	11.4	572	11.4		
Human Mb (deoxy)	435	121						
Horse heart Mb (deoxy)	434	115						
Sperm whale Mb (deoxy)	430	133						
Human MbO ₂			542	13.9	580	14.4		
Sperm whale MbO ₂	418	128	543	13.6	581	14.6		
Human MbCO	415	125	541	13.8	577	14.6		
Horse heart MbCO	424	207	540	15.4	579	13.9		
Sperm whale MbCO	423	187	542	14.0	579	12.2		
Human HbCO	419	191	540	13.4	569			



EXHIBIT